

MICHIGAN CLEAN FLEET CONFERENCE

DRIVING TECHNOLOGIES, FUELS AND FUNDING FOR CLEANER AIR

Background

Air quality issues in the State of Michigan drive us to investigate options for reducing emissions in both heavy and light duty vehicles, particularly diesel-powered vehicles. Emissions from diesel engines contribute to smog (ozone), fine particles, and air toxics. This can lead to public health implications such as asthma, respiratory and cardiovascular illness and premature death. Over seven and a half million people in Michigan live in areas designated by the U.S. Environmental Protection Agency (EPA) as non-attainment for ozone and particulate matter. In addition, energy costs for transportation are receiving more attention than ever before. Some transportation solutions to address current environmental and energy concerns are available in today's marketplace and are affordable and worth considering for fleet use.

Event Description

This conference will educate and inform attendees about the various strategies, fuels, and technologies available to help Michigan fleets reduce fuel usage, decrease emissions, and save money. A series of presentations and panels will cover a wide range of topics including examples of fleets using alternative fuels and technologies as well as available funding opportunities. Participants will have the opportunity to network with other fleet managers, governmental and planning officials, as well as representatives of technology applications including hybrids, idle reduction, emission controls, and fuel suppliers.

Vehicle Displays

General Motors

Flexible fuel (E85) Chevrolet Tahoe

Hybra-Drive Systems, LLC

Hydraulic Hybrid Volkswagen Beetle Prototype

Dana Corporation

Hydraulic Hybrid FMTV Military Vehicle

City of Taylor

Compressed Natural Gas-fueled Ford F150 Pickup
Hydrogen Fuel Cell Ford Focus

International Truck and Engine Corporation

School Bus with Diesel Particulate Filter

City of Detroit

Transit Bus with Cummins Diesel Retrofit
Municipal Garbage Truck with Diesel Retrofit

Webasto

Class 8 Truck with C5 "Engine-Off" Climate Control System

RKA Petroleum Companies

Above Ground Storage Tank – Biodiesel

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About the Conference Organizers



NextEnergy

NextEnergy is a non-profit corporation founded to enable the commercialization of energy technologies that positively contribute to economic competitiveness, energy security, and the environment. NextEnergy facilitates the Detroit Area Clean Cities Coalition which is one of more than 80 such coalitions nationwide focused on promoting alternative fuels and vehicles, fuel blends, fuel economy, hybrid vehicles, and idle reduction.



U.S. Environmental Protection Agency (EPA)

The U.S. EPA's Region 5 helps the Midwest Clean Diesel Initiative, a public-private partnership to reduce diesel emissions in the Midwest. The main goal of the Initiative is to accelerate public health benefits by working with partners in communities and industry to voluntarily reduce diesel emissions prior to, or in addition to, mandatory deadlines. U.S. EPA's National Clean Diesel Campaign (NCDC), coordinated out of its Office of Transportation and Air Quality (OTAQ), works with national, state and local partners to aggressively reduce the pollution emitted from diesel engines across the country through implementation of varied control strategies. With five sectors, including the SmartWay Transport Partnership and Clean School Bus USA programs, there is great opportunity to reduce emissions throughout the country.



Michigan Department of Environmental Quality (DEQ)

The Department of Environmental Quality regulates sources of air pollutants to minimize adverse impact on human health, the environment, and society. Our goals are to meet and maintain federal and state air quality standards using the best available technology and cost-effective controls, limit emissions of hazardous and toxic pollutants, and keep the public informed about air quality conditions. Department staff work includes air emission control programs, air monitoring, control strategy planning, partnerships to promote voluntary reductions, issuance of permits, and inspection of air emission sources.



Michigan Department of Labor & Economic Growth – Energy Office

The Energy Office promotes energy efficiency and renewable energy resource development to Michigan's residents, businesses and public institutions. Program activities are designed to encourage the use of new technologies and alternative fuels in buildings, industrial processes, vehicles and in power generation. Program objectives are advanced through a variety of services, including information dissemination, technical assistance, financial assistance and demonstration projects.